

FIG. 2

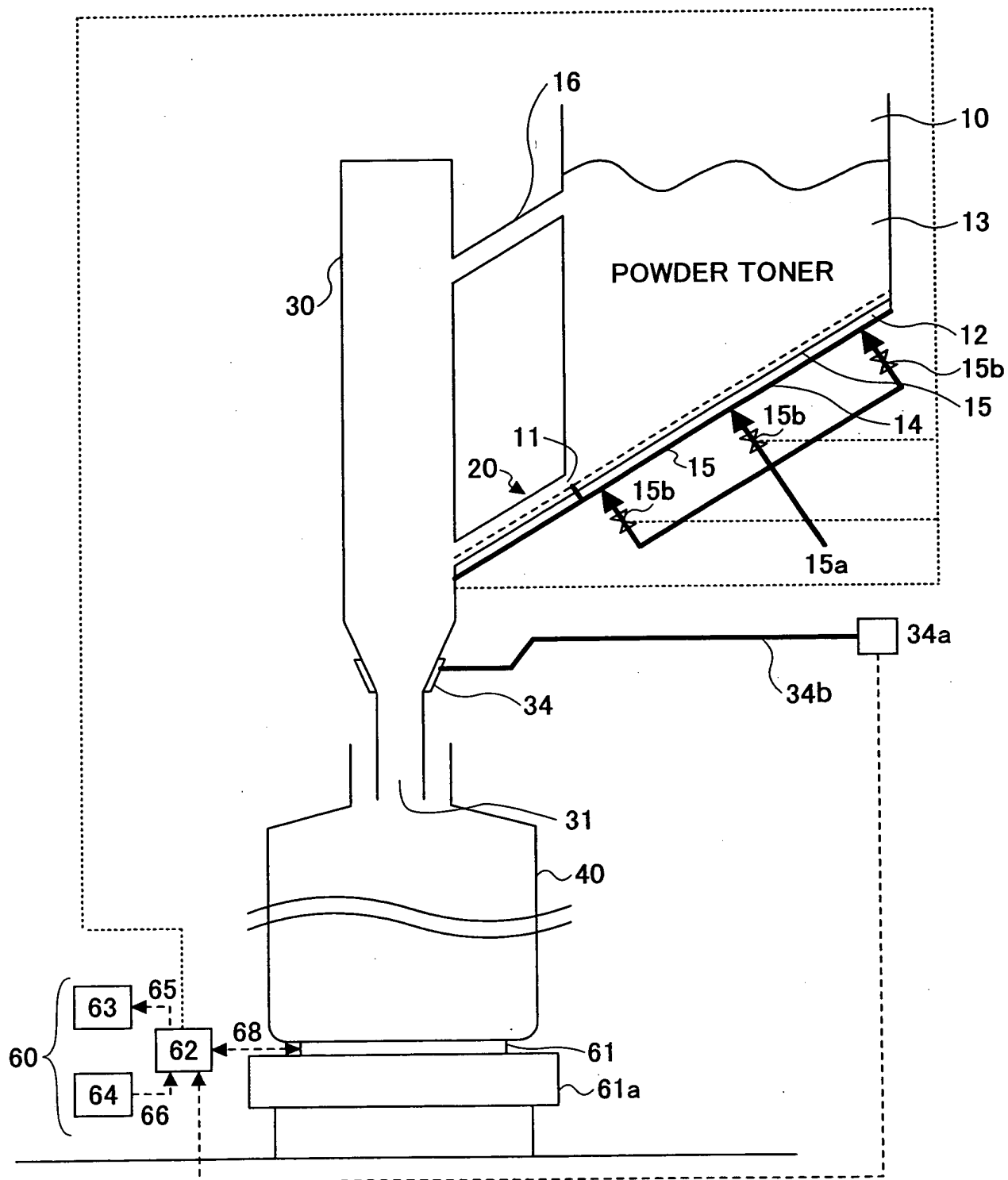


FIG.3A

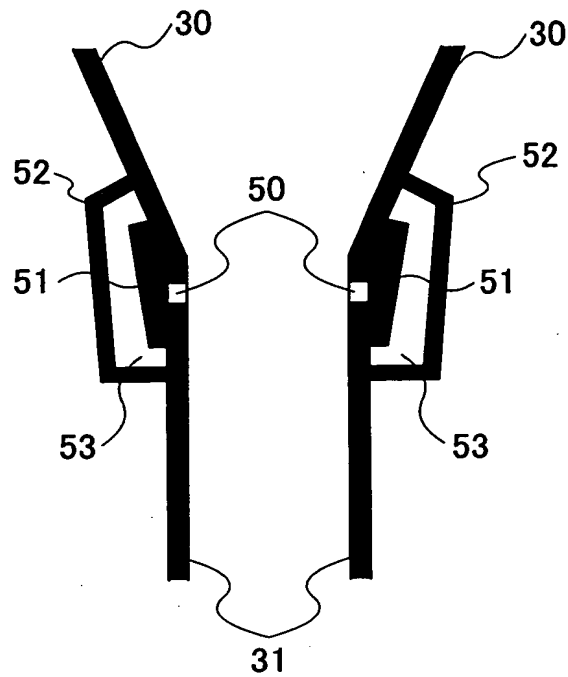
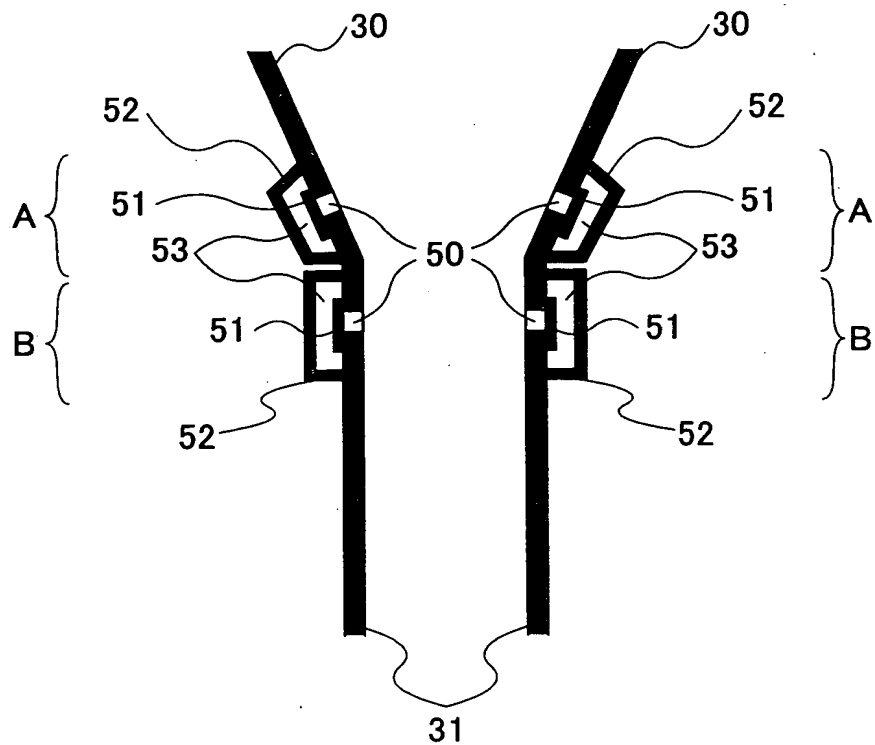


FIG.3B



10,154,991 B2

FIG. 4

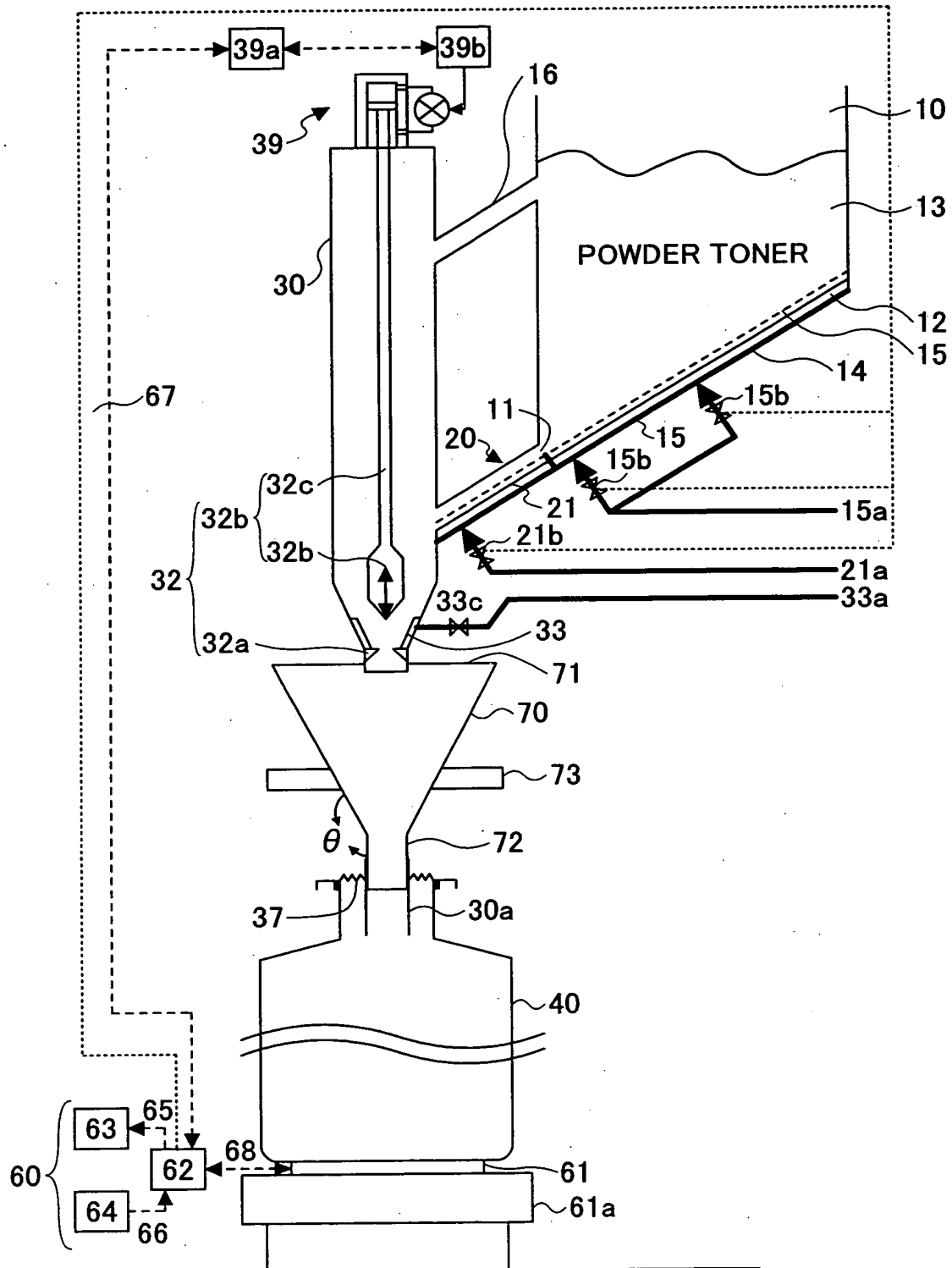


FIG.5

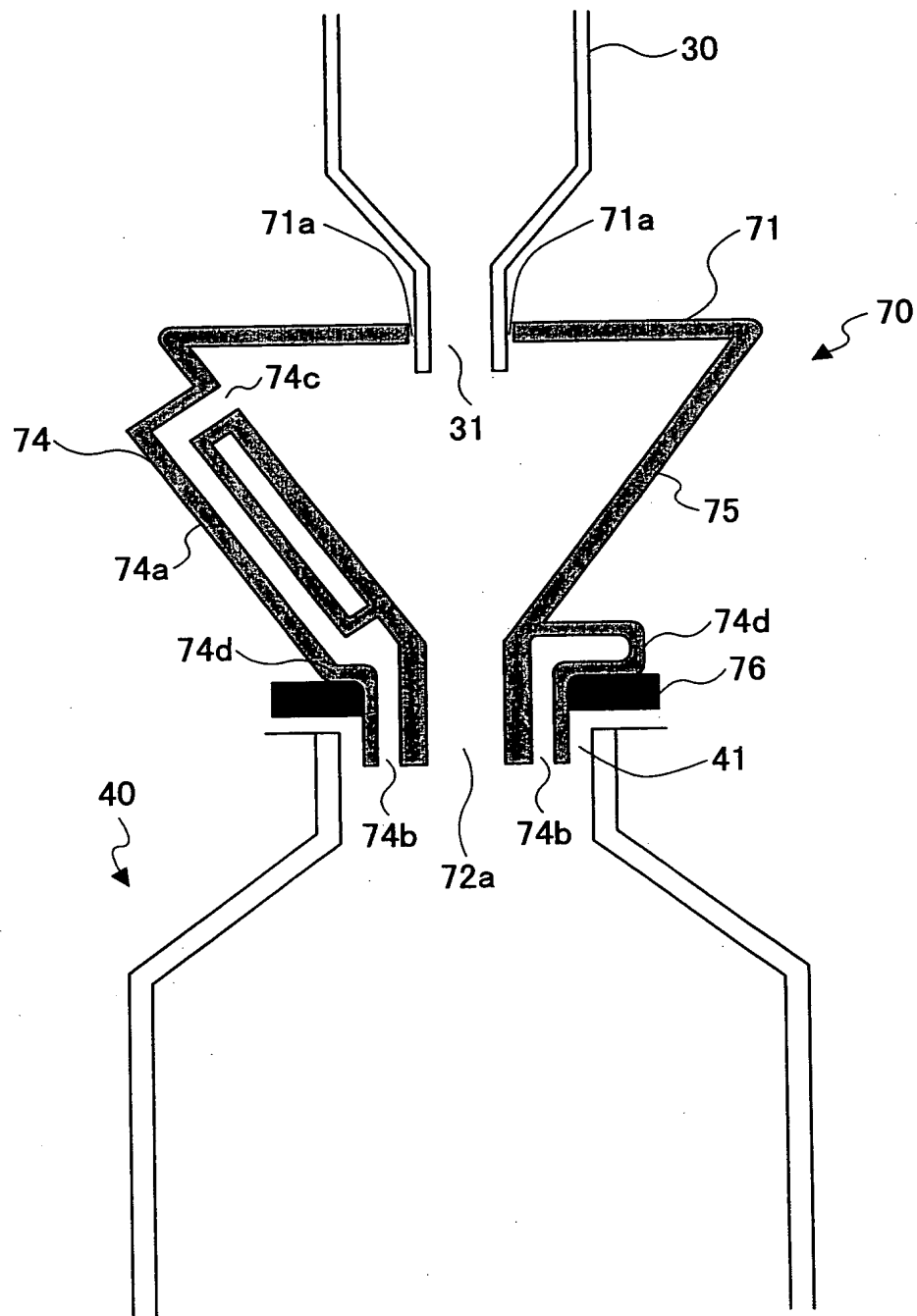


FIG.6

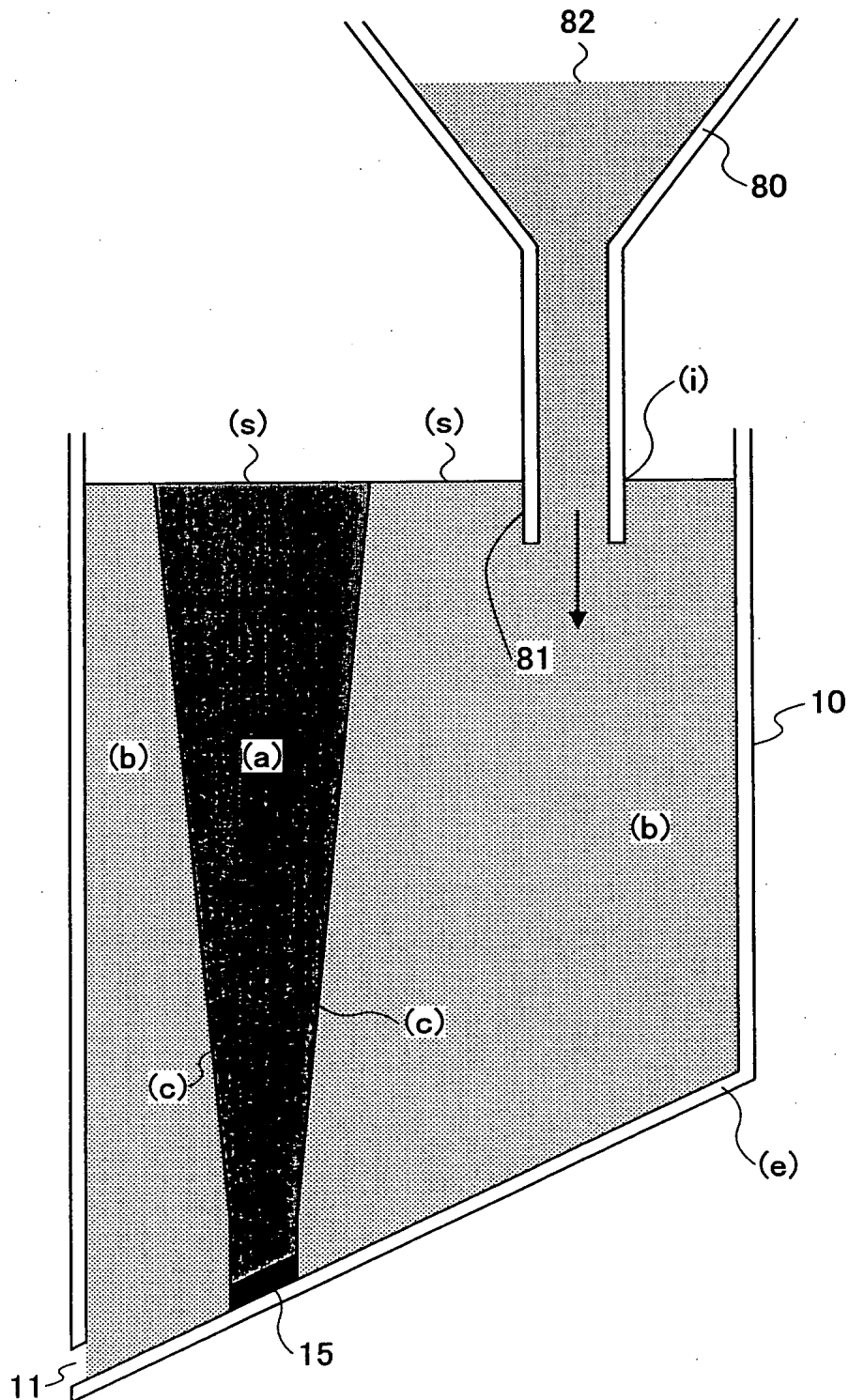


FIG.7

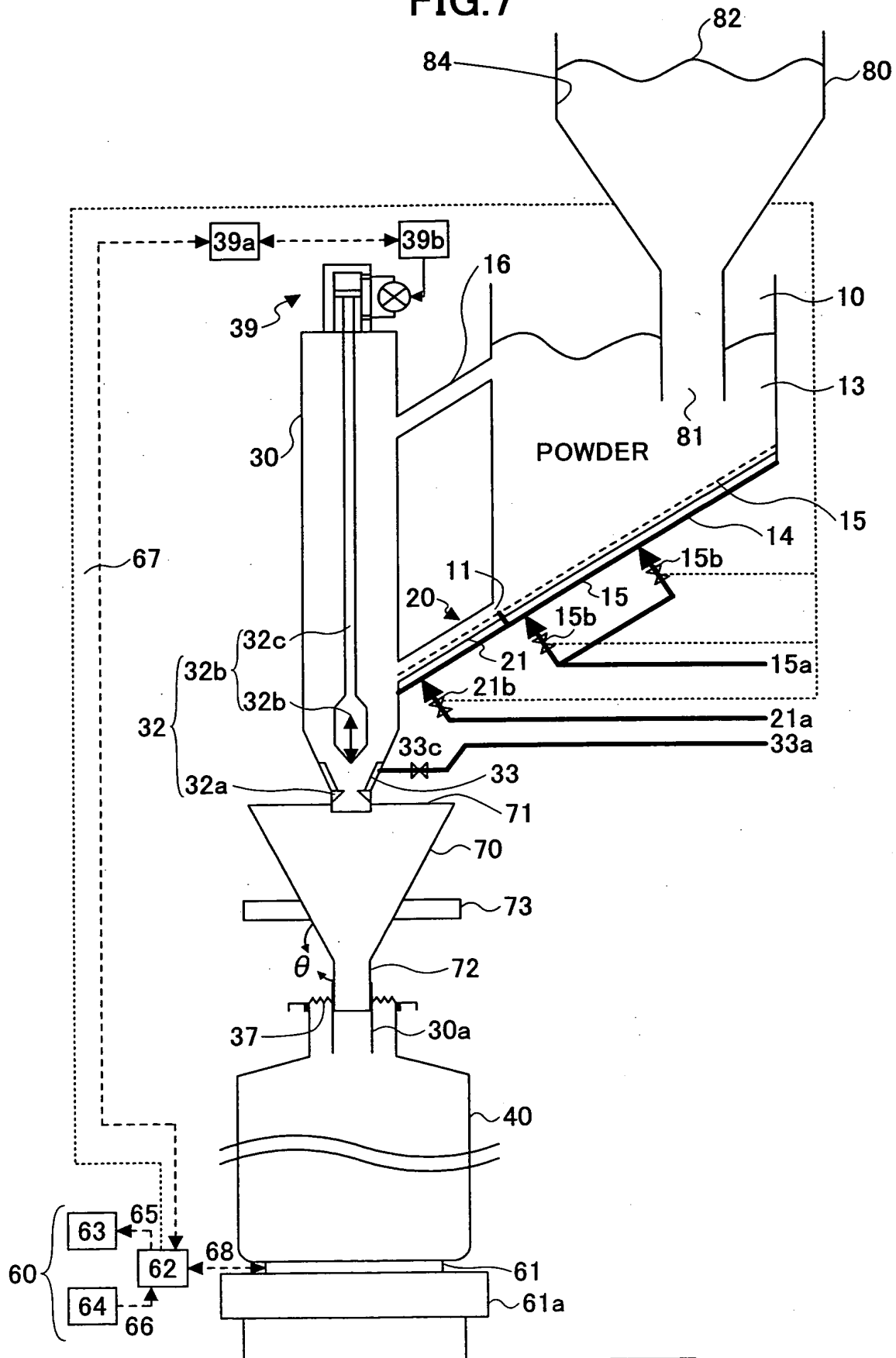
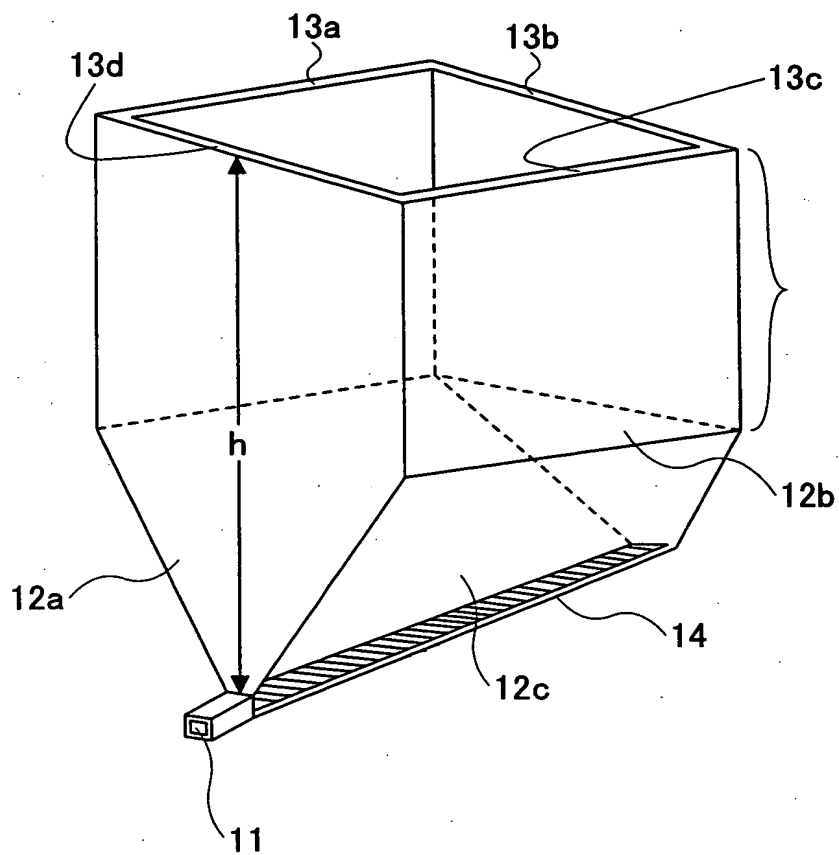


FIG. 8



The diagram illustrates a powder handling system. A hopper (80) at the top feeds powder through a neck (81) and outlet (82) into a container (10). Inside the container, a vertical tube (16) and a horizontal tube (11) are shown. A powder layer (20) is indicated. A diagonal tube (15) with arrows (15a, 15b) leads from the container to a collection vessel (31) below. A control system (60) with components 61, 62, 63, 64, 65, and 66 is connected to the tubes. A sensor or actuator (34) is also connected to the system.